



ENGINE - LP COMPRESSOR - REMOVAL OF THE SHARP EDGE OF THE PANEL SUPPORTING BRACKET -
CATEGORY CODE 6 - MOD.ENG-72-0246

1. Planning Information

A. Effectivity

- (1) Aircraft: (a) Airbus A320
(b) Airbus A321
- (2) Engine: (a) V2500-A1 Engines prior to Serial No. V0362
(b) V2522-A5 Engines prior to Serial No. V10245
(c) V2524-A5 Engines prior to Serial No. V10245
(d) V2527-A5 Engines prior to Serial No. V10245
(e) V2527E-A5 Engines prior to Serial No. V10245
(f) V2530-A5 Engines prior to Serial No. V10245
(g) V2533-A5 Engines prior to Serial No. V10245

B. Reason

(1) Condition

The sharp edge on the Panel Supporting Bracket can damage the Block Seal on the Thrust Reverser Cross Over Beam.

(2) Background

The damage as stated above occurred on a number of engines in service.

(3) Objective

To remove the sharp edge on the Panel Supporting Bracket.

(4) Substantiation

Substantiation analysis has been completed.

(5) Effects of Bulletin on Workshop Procedures:

Removal/Installation	Not affected
Disassembly/Assembly	Not affected
Cleaning	Not affected
Inspection/Check	Not affected
Repair	Not affected
Testing	Not affected

(6) Supplemental Information

None.

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**SERVICE BULLETIN****C. Description**

- (1) This Service Bulletin instructs to replace two existing Panel supporting Brackets with sharp edge to the new Brackets with rounded corner (See Figure 1).
- (2) Existing Panel Supporting Bracket can be reworked (See Figure 2).

D. Approval

The part number changes and/or part modifications described in Section 2 and 3 of this Service Bulletin have been shown to comply with the applicable Federal Aviation Regulations and are FAA-APPROVED for the Engine Model listed.

E. Compliance

Category Code 6

Accomplish when the subassembly (i.e. modules, accessories, components, build groups) is disassembled sufficiently to afford access to the affected parts.

F. Manpower

Estimated manhours to incorporate the full intent of this Bulletin:

Venue	Estimated Manhours
(1) In Service	Not applicable
(2) At Overhaul (Note: The parts affected by this Service Bulletin are accessible at overhaul)	
(a) To rework and reidentify .. the Panel Supporting Bracket	0 hours 18 minutes
Total :	18 minutese

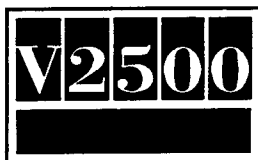
G. Material – Price and Availability

- (1) Modification kit is not required.
- (2) See "Material Information" section for prices and availability of future spares.

H. Tooling – Price and Availability

Special tools are not required to accomplish this Service Bulletin.

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SERVICE BULLETIN

I. Weight and Balance

- | | | | | | |
|-----|---------------|----|----|----|---|
| (1) | Weight change | .. | .. | .. | None |
| (2) | Moment arm | .. | .. | .. | No effect |
| (3) | Datum | .. | .. | .. | Engine front mount centerline
(Powerplant Station P.P.S.100) |

J. Electrical Load Data

This Service Bulletin has no effect on the aircraft electrical load.

K. References

- (1) Internal Reference No.

95VJ049

- (2) Other references

V2500 Engine Illustrated Parts Catalogs (S-V2500-1IA and S-V2500-2IA), Chapter/Section 72-32-03

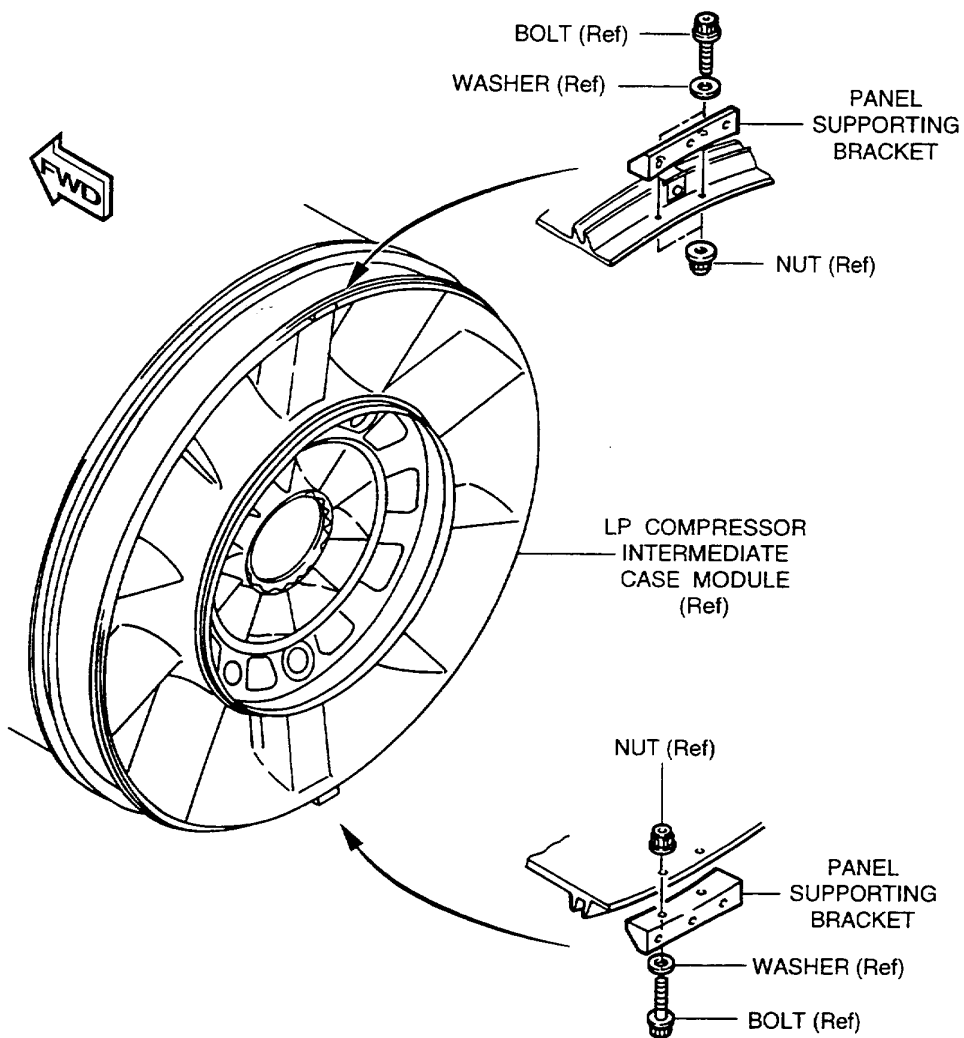
V2500 Engine Manual (E-V2500-1IA), Chapter/Section 72-32-00 Assembly-14, Config-1 and Config-2.

V2500 Standard Practices/Process Manual 70-09-00 Marking of Parts

L. Other Publications Affected

- (1) V2500 Engine Illustrated Parts Catalogs (S-V2500-1IA and S-V2500-2IA), Chapter/Section 72-32-03 will be revised to add the new part numbers of Panel Supporting Brackets.

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Location of Panel Supporting Brackets
Fig.1

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2. Accomplishment Instructions

A. Rework Instructions

- (1) Rework two existing 5A0046, Panel Supporting Bracket (Chapter 72-32-03, Fig.Items 02-500 and 02-550) and reidentify as follows:

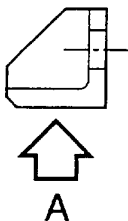
Procedure	Supplemental Information
a) Remove the sharp edge on the existing Panel Supporting Bracket and radii the corner, Radius 0.08 - 0.12 in (2,0 - 3,0 mm).	Refer to Figure 2.
d) Re-number adjacent to the existing part number and cancel the existing part number.	Existing Re-number 5A0046 5A1749 Refer to Reference (3), 70-09-00, Marking of Parts.

B. Assembly Instructions

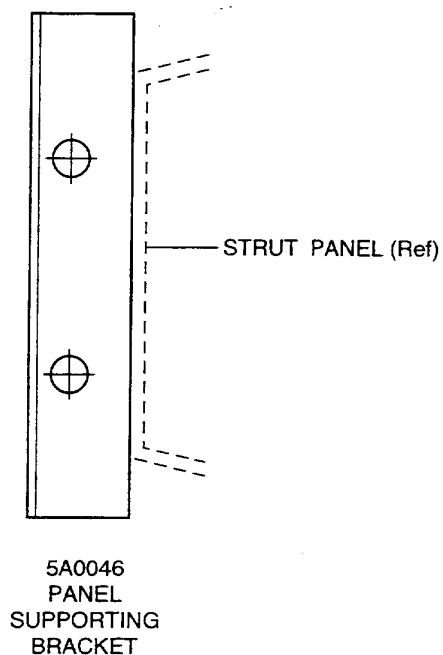
- (1) Assemble the two new 5A1749, Panel Supporting Brackets by the approved procedures in Reference (2).

C. Recording Instructions

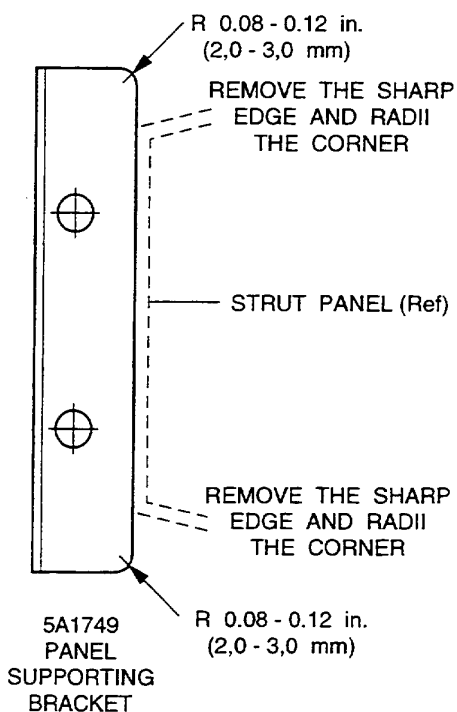
A record of accomplishment is required.



PANEL SUPPORTING BRACKET



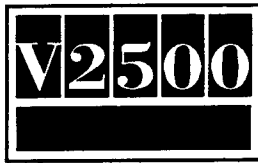
BEFORE REWORK



AFTER REWORK

VIEW ON A

Rework of Panel Supporting Brackets
Fig.2



3. Material Information

Application: For each V2500 engine to incorporate this Bulletin.

A. Kits associated with this Bulletin:

None

B. Parts affected with this Bulletin:

New Part No. (ATA No.)	Qty	Est'd Unit Price (\$)	Keyword	Old Part No. (IPC No.)	Instructions Disposition
5A1749 (72-32-03)	1	233.00	.Bracket, Supporting PL	5A0046 (02-500)	(A)(B)(1D) (S1)
5A1749 (72-32-03)	1	233.00	.Bracket, Supporting Panel	5A0046 (02-550)	(A)(B)(1D) (S1)

C. Instructions and Disposition Code Statements:

- (A) New part will be available approximately March 1997.
- (B) Old part will continue to be available until the new part is supplied.
- (1D) New part can be obtained from rework and reidentification of Old part.
- (S1) Old and New parts are freely and fully interchangeable, both physically and functionally.

NOTE: The estimated 1997 unit prices shown are provided for planning purposes only and do not constitute a firm quotation. Consult the IAE Price Catalog or contact IAE's Spare Parts Sales Department for information concerning firm prices.

